

TITANIUM OXIDE, AND PHOTOCATALYST AND PHOTOCATALYST COATING
COMPOSITION USING THE SAME

ABSTRACT OF THE DISCLOSURE

5 A titanium oxide showing sufficiently high
photocatalytic activities by irradiation of visible light
is provided. Using the titanium oxide, an excellent
photocatalyst and photocatalyst coating composition are also
provided. The titanium oxide has a selected ion chromatogram
10 in which an evolution gas having 28 of a ratio of mass number
to electric charge quantity exhibits at least one peak at
about 600°C or higher, the selected ion chromatogram being
measured in a thermogravimetry-mass-spectroscopy.